

Sub. 1
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1. A method of transmitting information useful in a computer simulation of a live event, the live event being governed by a set of rules and comprising a sequence of discrete sub-events wherein said set of rules determines a status change in the live event from an occurrence of one of the discrete sub-events, the computer simulation operating in accordance with the set of rules, the method comprising:
 - representing at least one of the sub-events by at least one action type selected from a set of action types representative of actions involving physical exertion and skill;
 - creating a database file corresponding to the event;
 - updating the database file using the action type representing the at least one sub-event, wherein the updated database file provides an updated representation of the event; and
 - transmitting information from the updated representation of the event.
2. The method of claim 1 wherein:
 - the representing step comprises representing said at least one sub-event by a start time and an end time, in addition to the at least one action type for said at least one sub-event; and
 - the updating step comprises updating the database file using the start and end time of said at least one sub-event, in addition to the at least one action type for said at least one sub-event.
3. The method of claim 1 wherein:
 - the representing step comprises representing said at least one sub-event by a start time and a stop time associated with said at least one action type associated with said at least one sub-event; and
 - the updating step comprises updating the database file using said start and end time of said at least one action type of said at least one sub-event.

1 5. A method of transmitting information useful in a computer simulation of a
2 live event, the live event being governed by a set of rules and comprising a
3 sequence of discrete sub-events wherein said set of rules determines a status
4 change in the live event from an occurrence of one of the discrete sub-events, the
5 computer simulation operating in accordance with the set of rules, the method
6 comprising:

1 6. The method of claim 5 wherein:
2 the representing step comprises representing said at least one sub-event by
3 a start time and an end time, in addition to the at least one action type for said at
4 least one sub-event; and

the updating step comprises updating the database file using the start and end time of said at least one sub-event, in addition to the at least one action type for said at least one sub-event.

7. The method of claim 5 wherein:

the representing step comprises representing said at least one sub-event by a start time and a stop time associated with said at least one of the action types associated with said at least one sub-event; and

the updating step comprises updating the database file using said start and end time of said at least one action type of said at least one sub-event.

8. The method of claim 5 wherein:

the representing step comprises representing said at least one sub-event by a value for at least one parameter associated with said at least one action type for said at least one sub-event; and

the updating step comprises updating the database file using the parameter value associated with said at least one action type of said at least one sub-event.

9. A method of transmitting information about a plurality of live events, the information about each event being useful in a computer simulation of that event, each of the plurality of live events being governed by an associated set of rules and comprising a sequence of discrete sub-events, wherein each set of rules determines a status change in the associated live event from an occurrence of one of the discrete sub-events of that associated live event, the computer simulation of a given live event operating in accordance with the associated set of rules, the method comprising:

for each of the plurality of live events,

representing at least one of the sub-events of the live event by at least one action type selected from a set of action types representative of actions involving physical exertion and skill; creating a database file corresponding to that live event; and

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updating the database file corresponding to that live event using at least the action type representing the at least one sub-event, wherein the updated database file provides an updated representation of that event;

and transmitting information from the updated representation of at least one of the plurality of live events.

10. The method of claim 9 wherein:

the representing step for at least one of the plurality of live events comprises representing said at least one sub-event by a start time and an end time, in addition to the at least one action type for said at least one sub-event; and the updating step for said at least one of the plurality of live events comprises updating the database file using said start and end time of said at least one sub-event, in addition to the at least one action type for said at least one sub-event.

11. The method of claim 9 wherein:

the representing step for at least one of the plurality of live events comprises representing said at least one sub-event by a start time and a stop time associated with said at least one action type associated with said at least one sub-event; and the updating step for said at least one of the plurality of live events comprises updating the database file using said start and end time of said at least one action type of said at least one sub-event.

12. The method of claim 9 wherein:

the representing step for at least one of the plurality of live events comprises representing said at least one sub-event by a value for at least one parameter associated with said at least one action type for said at least one sub-event; and

the updating step for said at least one of the plurality of live events comprises updating the database file using the parameter value associated with said at least one action type of said at least one sub-event.

13. A method of transmitting information about a plurality of live events, the information about each event being useful in a computer simulation of that event, each of the plurality of live events being governed by an associated set of rules and comprising a sequence of discrete sub-events, wherein each set of rules determines a status change in the associated live event from an occurrence of one of the discrete sub-events of that associated live event, the computer simulation of a given live event operating in accordance with the associated set of rules, the method comprising:

for each of the plurality of live events,
 representing at least one of the sub-events of the live event by at least one action type selected from a set of action types representative of actions involving physical exertion and skill;
 creating a database file corresponding to that live event;
 updating the database file corresponding to that live event using the action type representing the at least one sub-event, wherein the updated database file provides an updated representation of that event;
 receiving a request for information about at least one of the plurality of live events from a viewer computer; and
 transmitting information to the viewer computer from the updated representations of the requested events in response to the received request.

14. The method of claim 13 wherein:
 the representing step for at least one of the plurality of live events comprises representing the at least one sub-event by a start time and an end time, in addition to the at least one action type for said at least one sub-event; and

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5 the updating step for the at least one of the plurality of live events
6 comprises updating the database file using the start and end time of the at least one
7 sub-event, in addition to the at least one action type for said at least one sub-event.

1 15. The method of claim 13 wherein:

2 the representing step for at least one of the plurality of live events
3 comprises representing the at least one sub-event by a start time and a stop time
4 associated with said at least one action type associated with said at least one sub-
5 event; and

6 the updating step for said at least one plurality of live events comprises
7 updating the database file using the start and end time of said at least one action
8 type of said at least one sub-event.

1 16. The method of claim 13 wherein:

2 the representing step for at least one of the plurality of live events
3 comprises representing the at least one sub-event by a value for at least one
4 parameter associated with said at least one action type, for said at least one sub-
5 event; and

6 the updating step for at least one of the plurality of live events comprises
7 updating the database file using the parameter value associated with said at least
8 one action type of said at least one sub-event.

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